



### RV 10 basic V-C

The newly developed product line from IKA® in ergonomic, compact design with innovative functions to improve operating results. Rotary evaporators with integrated heating bath HB 10 basic inc. space saving vertical glassware, coated (1 litre).

- Heating bath with adjustable safety circuit, "stand alone" operation possible, pivoting safety hood as accessory
- Safe and simple operation through ergonomically shaped operator unit in the front area
- Motorised lift (stroke 140 mm) with "safety stop" function, if the power cuts out the evaporator piston is automatically lifted out of the heating bath.
- Adjustable end position recognition to protect the glass from breaking
- Speed range from 20 to 270 rpm
- Smooth start from 100 rpm
- Digital speed display
- Moves right and left in interval operation for the drying process
- Timer function for time lapse controls
- Water-oil heating bath with integrated carry handles with safe handling
- Heats up quickly because of optimised bath volumes
- Cooling surface 1,200 cm<sup>2</sup>
- Push-off mechanism to loosen tightly fitting pistons
- Suitable for DIN EN 12697-3 (Asphalt test for hot asphalt)

Accessories: HB 10.1 Shield, HB 10.2 Protective cover, RV 10.910 Glassware vertical coated, RV 10.10 Glassware vertical coated, RV 10.3 Vertical-intensive condenser with manifold, RV 10.30 Vertical-intensive condenser with manifold, coated, RV 10.4 Dry Ice Condenser, RV 10.40 Dry Ice Condenser, coated, RV 10.5 Vertical condenser with manifold and cut-off valve for reflux distillation, RV 10.50 Vertical condenser with manifold and cut-off valve for reflux distillation, coated, RV 10.6 Vertical-intensive condenser with manifold and cut-off valve for reflux distillation, RV 10.60 Vertical-intensive condenser with manifold and cut-off valve for reflux distillation, coated, RV 10.70 Steam duct (NS 29/32), RV 10.73 Steam duct (NS 24/40), RV 10.2007 Evaporation flask (NS 24/40, 50 ml), RV 10.80 Evaporation flask (NS 29/32, 50 ml), RV 10.81 Evaporation flask (NS 29/32, 100 ml), RV 10.2008 Evaporation flask (NS 24/40, 100 ml), RV 10.82 Evaporation flask (NS 29/32, 250 ml), RV 10.2009 Evaporation flask (NS 24/40, 250 ml), RV 10.83 Evaporation flask (NS 29/32, 500 ml), RV 10.2010 Evaporation flask (NS 24/40, 500 ml), RV 10.84 Evaporation flask (NS 29/32, 1.000 ml), RV 10.2011 Evaporation flask (NS 24/40, 1.000 ml), RV 10.85 Evaporation flask (NS 24/40, 2.000 ml), RV 10.85 Evaporation flask (NS 29/32, 2.000 ml), RV 10.86 Evaporation flask (NS 29/32, 3.000 ml), RV 10.86 Evaporation flask (NS 24/40, 3.000 ml), RV 10.300 Powder flask (NS 29/32, 500 ml), RV 10.2017 Powder flask (NS 24/40, 500 ml), RV 10.301 Powder flask (NS 29/32, 1.000 ml), RV 10.2018 Powder flask (NS 24/40, 1.000 ml), RV 10.2019 Powder flask (NS 24/40, 2.000 ml), RV 10.302 Powder flask (NS 29/32, 2.000 ml), RV 10.400 Evaporation cylinder (NS 29/32, 500 ml), RV 10.400 Evaporation cylinder (NS 24/40, 500 ml), RV 10.401 Evaporation cylinder (NS 24/40, 1.500 ml), RV 10.401 Evaporation cylinder (NS 29/32, 1.500 ml), RV 10.500 Foam brake (NS 29/32), RV

| Technical Data                             |                  |
|--|------------------|
| Type of cooling                            | vertical         |
| Cooling surface [cm <sup>2</sup> ]         | 1200             |
| Motor principle                            | DC               |
| Speed range [1/min]                        | 20 - 280         |
| Lift                                       | Motor            |
| Stroke [mm]                                | 140              |
| Heating temperature range [°C]             | room temp. - 180 |
| Heat output [W]                            | 1300             |
| Heat control accuracy [±K]                 | 5                |
| Bath volume max. [l]                       | 3                |
| Vacuum controller integrated               | no               |
| Dimensions (W x H x D) [mm]                | 500 x 430 x 410  |
| Weight [kg]                                | 19.6             |
| Permissible ambient temperature [°C]       | 5 - 40           |
| Permissible relative moisture [%]          | 80               |
| Protection class according to DIN EN 60529 | IP 20            |
| RS 232 interface                           | no               |
| Analog output                              | no               |
| Voltage [V]                                | 220 - 240        |
| Frequency [Hz]                             | 50/60            |
| Power input [W]                            | 1400             |
| <b>Ident. No.</b>                          | <b>8024501</b>   |

10.500 Foam brake (NS 24/40), RV 10.600 Destilling spider with 6 destilling sleeves (NS 29/32), RV 10.2029 Destilling spider with 6 destilling sleeves (NS 24/40), RV 10.601 Destilling spider with 12 destilling sleeves (NS 29/32), RV 10.2030 Destilling spider with 12 destilling sleeves (NS 24/40), RV 10.602 Destilling spider with 20 destilling sleeves (NS 24/40), RV 10.602 Destilling spider with 20 destilling sleeves (NS 29/32), RV 10.606 Destilling spider with 5 flasks 50 ml (NS 29/32), RV 10.2034 Destilling spider with 5 flasks 50 ml (NS 24/40), RV 10.2035 Destilling spider with 5 flasks 100 ml (NS 24/40), RV 10.607 Destilling spider with 5 flasks 100 ml (NS 29/32), RV 10.100 Receiving flask (KS 35/20, 100 ml), RV 10.101 Receiving flask (KS 35/20, 250 ml), RV 10.102 Receiving flask (KS 35/20, 500 ml), RV 10.103 Receiving flask (KS 35/20, 1.000 ml), RV 10.104 Receiving flask (KS 35/20, 2.000 ml), RV 10.105 Receiving flask (KS 35/20, 3.000 ml), RV 10.200 Receiving flask, coated (KS 35/20, 100 ml), RV 10.201 Receiving flask, coated (KS 35/20, 250 ml), RV 10.202 Receiving flask, coated (KS 35/20, 500 ml), RV 10.203 Receiving flask, coated (KS 35/20, 1.000 ml), RV 10.204 Receiving flask, coated (KS 35/20, 2.000 ml), RV 10.205 Receiving flask, coated (KS 35/20, 3.000 ml), RV 10.3000 Extension plate, RV 06.13 Seal, RV 06.15 Seal, labworldsoft®, RV 10.5003 Pressure control valve, VC 2 IKAVAC® Vacuum controller, N 920 KT.29.18 Membrane vacuum pump, KV700, UC006 Unichiller, H 11 Mains cable UK plug, H 11 Mains cable USA plug, H 11 Mains cable CH plug, H 11 Mains cable Euro plug